



Patent  
45198.00014.CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

**Applicant:** Dang et al.

**Serial No.:** 10/615,563

**Filed:** July 7, 2003

**For: NOVEL PURINE INHIBITORS OF  
FRUCTOSE-1,6-BISPHOSPHATASE**

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) **Group Art Unit:** 1624  
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) **Examiner:** To Be Assigned  
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**TRANSMITTAL LETTER**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed are the following documents:

- Supplemental Information Disclosure Statement;
- Form PTO/SB/08A; and
- Return Postcard.

CERTIFICATE OF MAILING  
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with anything referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

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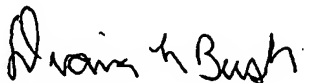
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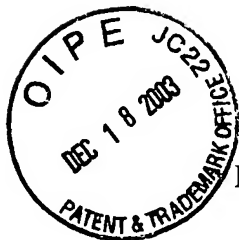
No fee is believed due with this submission; however, the Commissioner is authorized to charge any fee required, or to credit any overpayment, to our Deposit Account No. **50-2613**.

Respectfully submitted,

Dated: 11/21/03

By:   
Diana L. Bush, Ph.D., Esq.  
Reg. No. 51,109

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER  
37 CFR § 1.97 (B)(3)**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the Applicant's duty under 37 CFR § 1.56, the following information is brought to the attention of the Examiner. The items are listed on the attached form PTO-1449 and copies of the references have previously been submitted in the parent cases.

The items identified in this Information Disclosure Statement (IDS) may or may not be "material" pursuant to 37 CFR § 1.56 and the submission thereof by Applicant shall not be construed

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as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

The filing of this IDS shall not be construed to mean that a search has been made or that no other material information, as defined in 37 CFR § 1.56, exists.

The attached IDS is being filed in accordance with 37 CFR §§ 1.97 and 1.98. This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b)(3), that is before the mailing of a first Office Action on the merits. Thus, no petition or fee is required. However, if the undersigned representative of Applicant is in error in this regard, then the Examiner is requested to consider this IDS as filed under § 1.97(c) and is further authorized to charge any fee required by the filing of these papers to Paul, Hastings, Janofsky & Walker's Deposit Account No. 50-2613.

Respectfully submitted,

Dated: 11/21/03

By: Diana L. Bush  
Diana L. Bush, Ph.D., Esq.  
Reg. No. 51,109

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

**Complete if Known**

<b>Application Number</b>	10/615,563
<b>Filing Date</b>	July 7, 2003
<b>First Named Inventor</b>	Dang et al.
<b>Group Art Unit</b>	1624
<b>Examiner Name</b>	To Be Assigned
<b>Attorney Docket Number</b>	45198.00014.CON

Sheet	1	of	3
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## U.S. PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>	
Sheet		of	
		Application Number Filing Date First Named Inventor Group Art Unit Examiner Name Attorney Docket Number	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AW	CA	1,324,383			11/16/93		
	AZ	EP	0 012 909	A1		07/09/80		
	BA	EP	0 117 429	B1		09/05/84		
	AU	EP	0 354 322	A2		02/14/90		
	BG	EP	0 354 806	B1		02/14/90		
	BH	EP	0 449 196	A3		10/02/91		
	AV	EP	0 427 799	B1		05/22/91		
	AX	EP	0 604 657	A1		07/06/94		
	AY	EP	0 620 227	A1		10/19/94		
	BE	EP	0 632 048	A1		01/04/95		
	BF	EP	0 73 525	B1		03/09/83		
	AA	EP	0 753 525	A1	Nippon Shinyaku Company, Limited	01/15/97		
	BI	GE	28 55 659			07/03/80		
	BJ	JP	5-97883			04/20/93		
		JP	05-097883		Kazuyoshi, M. et al.	04/20/93		
	AB	WO	94/22864		Sterling Winthrop Inc.	10/13/94		
	BK	WO	92/13864	A1		08/20/92		
	BB	WO	94/07867	A1		04/14/94		
	BC	WO	94/20508	A1		09/15/94		
	BD	WO	96/21644	A1		07/18/96		

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		Filing Date	
		First Named Inventor	
		Group Art Unit	
		Examiner Name	
Sheet		of	Attorney Docket Number

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	BN	CURRAN et al., "Thermolysis of Bis[2-[(trimethylsilyl)oxy]prop-2-yl]furoxan (TOP-furoxan). The First Practical Method for Intermolecular Cycloaddition of an in Situ Generated Nitrile Oxide with 1,2-Di- and Trisubstituted Olefins," <u>J. Am Chem. Soc.</u> , 107:6023-6028 (1985).	
	AC	FRESENIUS, "Organic Chemical Nomenclature" (E. Horwood, Ltd, Chichester) p.29 & 1st index page, 1989.	
	AD	HAWLEY, "Condensed Chemical Dictionary", 9th Ed. (Van Norstrand Reinhold Co. NY) p.25, 1977.	
		GARUTI et al., "Synthesis and Biological Evaluation of Some New Phosphonates," <u>Pharmazie</u> , 47:295-297 (1992).	
	AE	GRANT, "Grant and Hack's Chemical Dictionary" (McGraw Hill, NY) p.22, 1987.	
	BL	MARYANOFF et al., "Stereoselective Synthesis and Biological Activity of $\beta$ - and $\alpha$ -D-Arabinose 1,5-Diphosphate: Analogues of a Potent Metabolic Regulator," <u>J. Med. Chem.</u> 106:7851-7853	
	BM	YOSHINO et al., "Organic Phosphorus Compounds. 2. Synthesis and Coronary Vasodilator Activity of (Benzothiazolylbenzyl) Phosphonate Derivatives," <u>J. Med. Chem.</u> 32:1528-1532 (1989).	

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